

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A viscous damper comprising:
first and second components defining an enclosed chamber for holding damping fluid;

a rotor having a first portion rotationally disposed in said chamber and a second portion extending outwardly from said chamber, said rotor including an outwardly extending paddle;

a valve disposed in said chamber for relative rotation with respect to said rotor, said valve including a base and an outwardly extending wing, said valve base being annular; and

said rotor and said valve each having at least one valve face complementary to each other, with said valve face of said valve disposed on said wing and said valve face of said rotor disposed on an end of said paddle adjacent said wing, said rotor including a pin extending through said annular base, said faces adapted for engaging each other and substantially closing a space therebetween when said rotor is rotated in a first direction and for relative rotation with respect to each other for opening a space therebetween when said rotor is rotated in a second direction.

2-4. (Cancelled)

5. (Currently Amended) The damper of claim [[4]] 1, said rotor including an abutment positioned to engage said valve and limit relative rotation between said valve and said rotor.

6. (Currently Amended) The damper of claim [[4]] 1, said valve including two said wings and a valve face on each said wing; and said rotor including two said paddles and a valve face on each said paddle.

7. (Original) The damper of claim 6, said rotor including an abutment positioned to engage said valve and limit relative rotation between said valve and said rotor.

8. (Original) The damper of claim 1, said chamber having an inwardly projecting rib and said rotor including a rotor flange above said rib, said rotor flange having an angular inner surface, said rib and said rotor flange defining a space therebetween of varying dimension with relative rotation between said rotor and said housing.

9. (Original) The damper of claim 8, said chamber having two said ribs and said rotor including a rotor flange above both said ribs, said rotor flange having an angular inner surface above each said rib, said ribs and said rotor flange defining spaces therebetween of varying dimension with relative rotation between said rotor and said housing.

10. (Currently Amended) A damper comprising:
a housing having an opening and a substantially cylindrical wall;
a cover over said opening, said cover including a flange slidable into said housing along said cylindrical wall;
a rotor rotatably disposed in said housing, said rotor extending outwardly of said housing through said cover, said rotor including a flange;
a seal between said cover and said rotor; ~~and~~
a v-shaped channel disposed in said housing ~~in one of said housing and said cover~~
and a ring disposed on said cover, ~~in the other of said housing and said cover~~, said channel having walls defining said channel, and said ring being rectangular in cross-section and including edges received against said walls; and
an O-ring seal positioned on said flange of said rotor between said rotor and said flange of said cover.

11-14. (Cancelled)

15. (Original) The damper of claim 10, said cover ultrasonically welded to said housing along said ring edges received against said channel walls.

16. (Original) The damper of claim 10, said rotor including an end, and said housing including a base defining a depression, said end of said rotor being disposed in said depression in said base.

17-21. (Cancelled)

22. (New) A viscous damper comprising:

a housing defining a side wall and an enclosed chamber for holding damping fluid, said housing including ribs extending inwardly in said chamber along said side wall; and

a rotor having a first portion rotationally disposed in said chamber and a second portion extending outwardly from said chamber, said rotor including a flange having shaped surfaces on a side thereof facing said ribs, each said surface including a more distant surface and a more near surface with respect to said ribs, with a ramp extending between said distant surface and said near surface, such that spaces between said ribs and said surfaces decrease or close when said rotor is rotated in one direction and increase or open when said rotor is rotated in an opposite direction.